This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

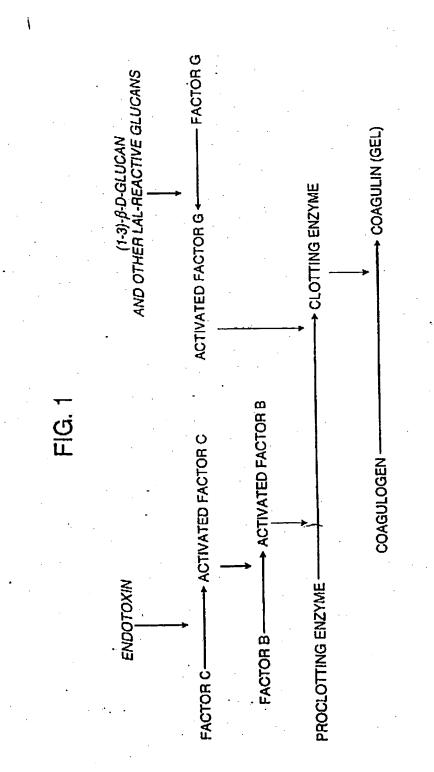
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images, please do not report the images to the Image Problem Mailbox.

Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 1 of 22



Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 2 of 22

FIG. 2A

Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 3 of 22

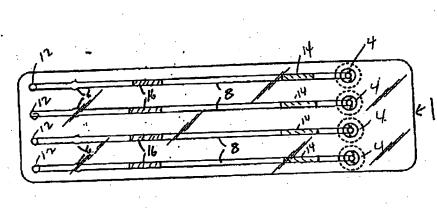
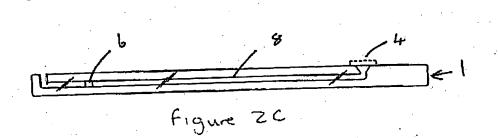


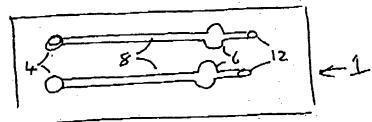
Figure 2B

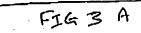


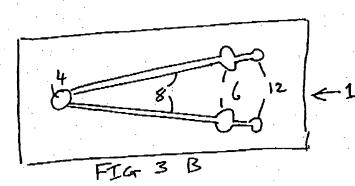
- 1 e

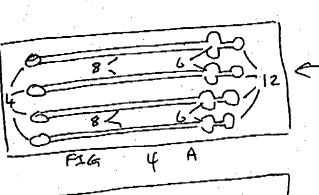
Figure 2.D

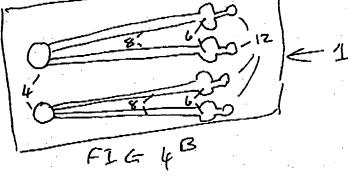
Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 4 of 22







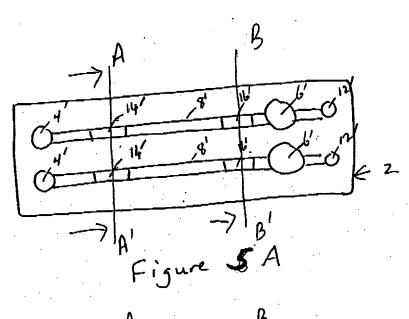


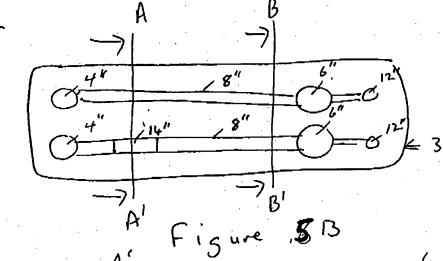


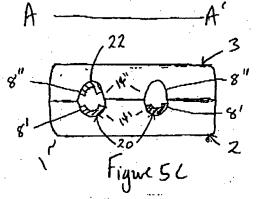


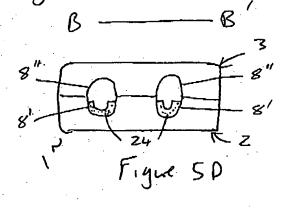
1

Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 5 of 22

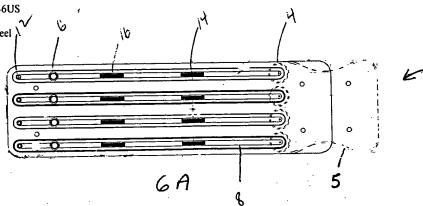




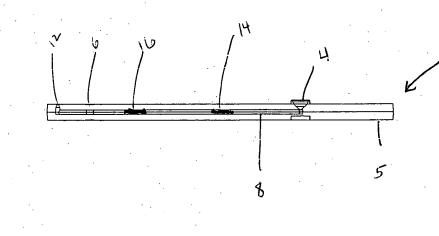




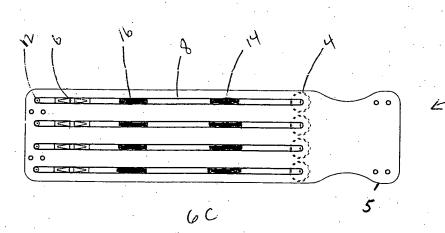
Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 6 of 22

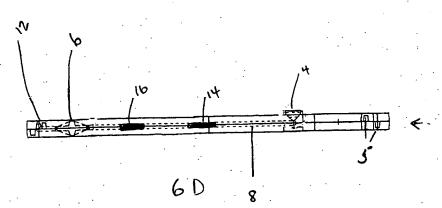


ļ

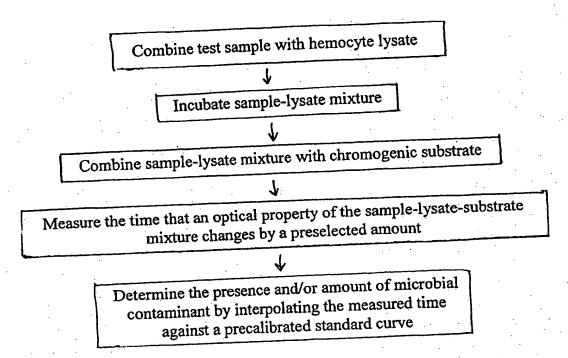




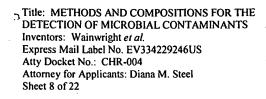




Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 7 of 22







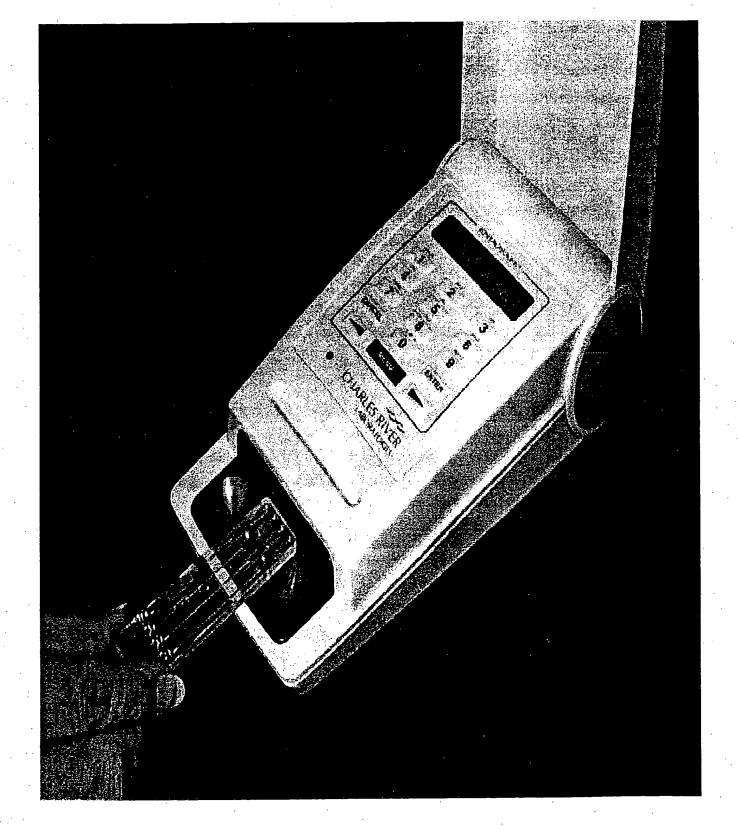


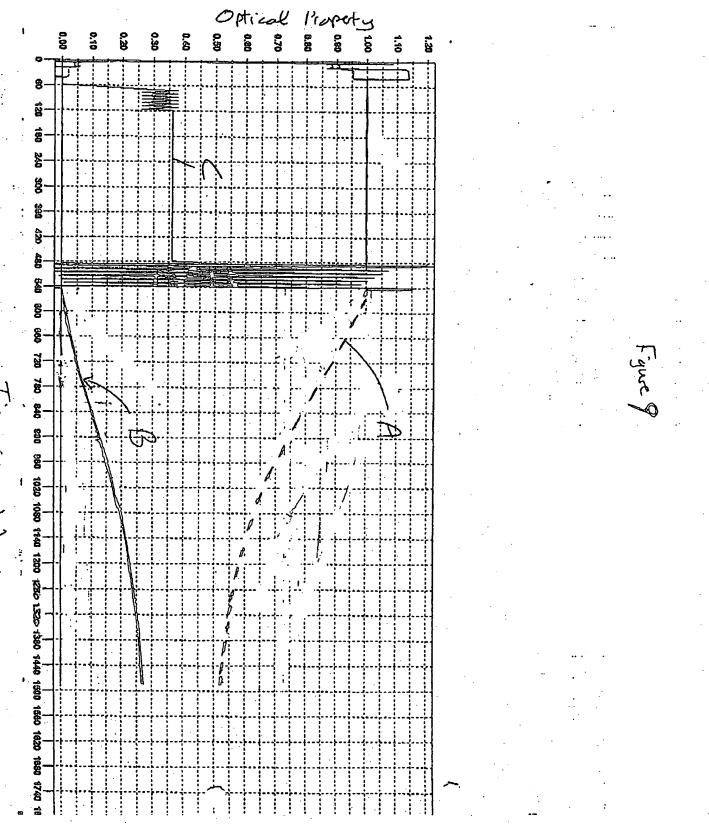
Figure 8A

Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 9 of 22





Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 10 of 22



Time (seconds),

Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 11 of 22

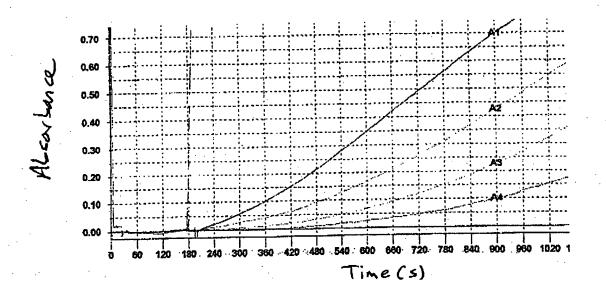
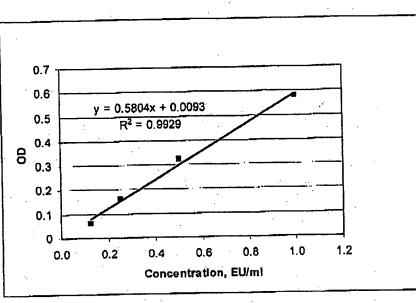


Figure 10A

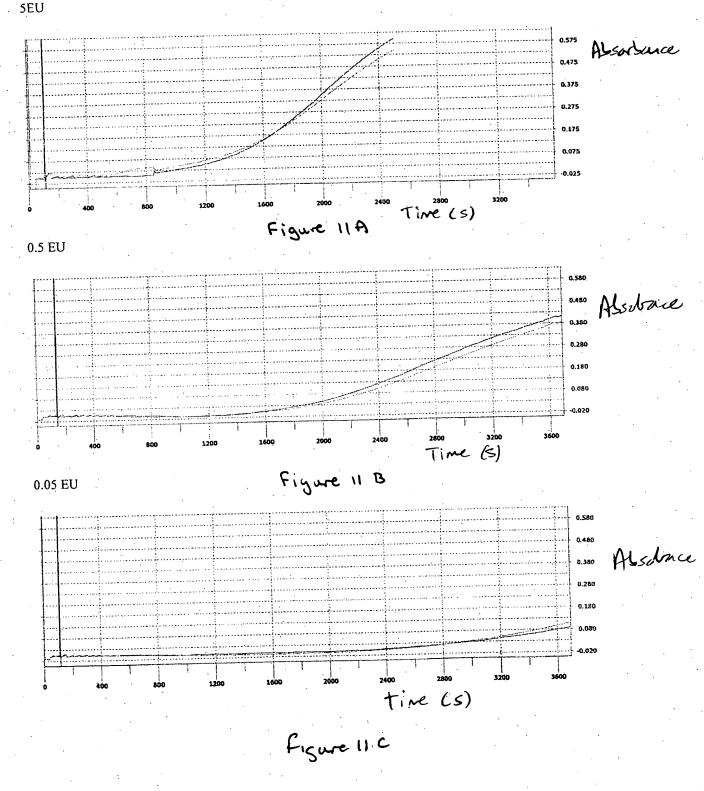
Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 12 of 22



\$

Figure 10B

Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 13 of 22



Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 14 of 22

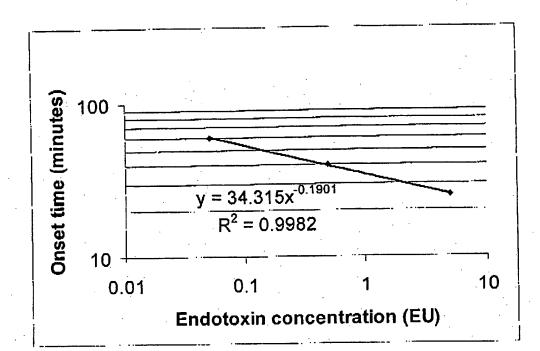
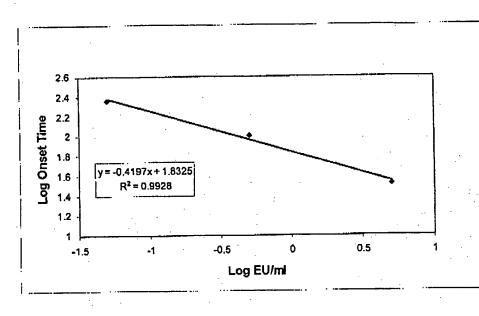
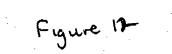


Figure 11 D

Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 15 of 22

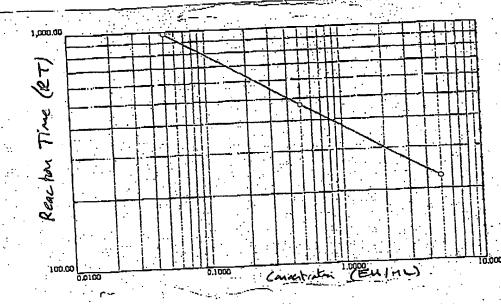




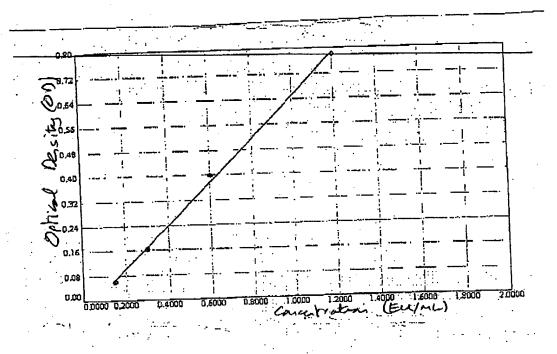




Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 16 of 22

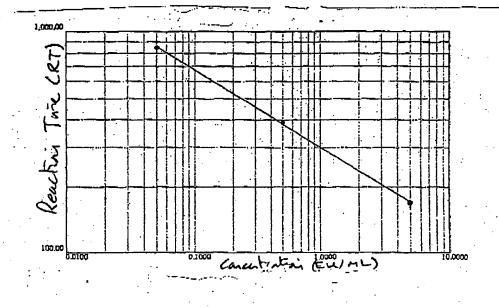


Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 17 of 22





Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 18 of 22



Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 19 of 22

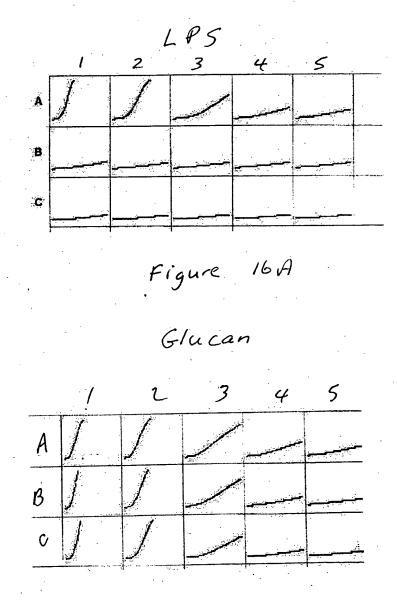
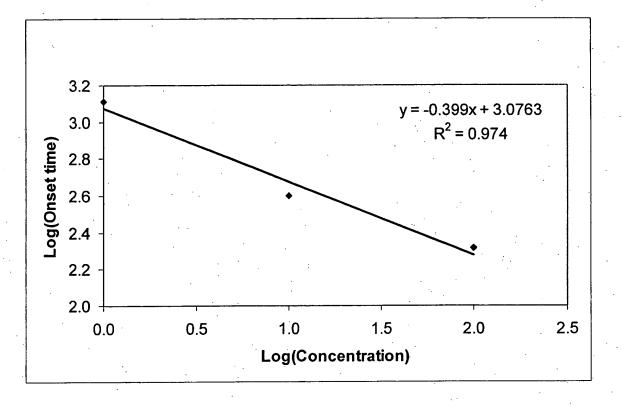
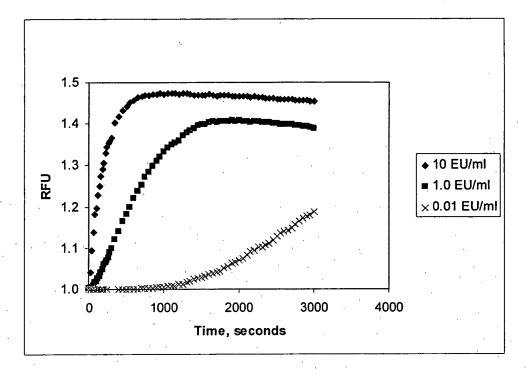


figure 163

Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 20 of 22



Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 21 of 22



Title: METHODS AND COMPOSITIONS FOR THE DETECTION OF MICROBIAL CONTAMINANTS Inventors: Wainwright *et al.* Express Mail Label No. EV334229246US Atty Docket No.: CHR-004 Attorney for Applicants: Diana M. Steel Sheet 22 of 22

